PENDO HD TV

18.5" LED LCD TV WITH DVD

USER MANUAL

> Please read carefully before use

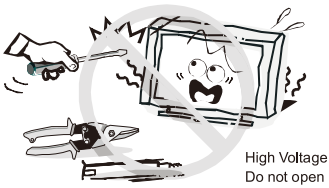
pendo

Important Safety Instructions and Maintenance

Important Safety Instructions

⚠ CAUTION

Risk of electronic shock, do not open.
Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards.
Refer all servicing to qualified service personnel.



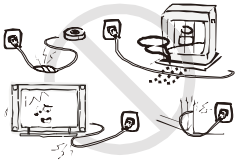
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

In case of smoke, strange noise or strange smell from the unit:

- Turn off the power switch immediately;
- Disconnect the power plug from the power outlet;
- Contact your dealer or service centre. Never attempt to make repairs yourself because this could be dangerous.

Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the set. Use special caution in households where children are present. The apparatus is not suitable for children under 3-year to operate.

Power supply cords should be routed safety to prevent life and property from dangerous with damaged cord.
Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the mains plug of the apparatus shall be disconnected.



To avoid the fire, no naked flame source, such as lighted candles, should be placed on the apparatus.

Important Safety Instructions and Maintenance

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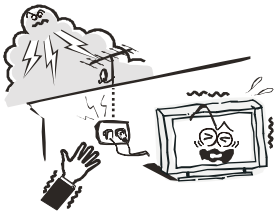
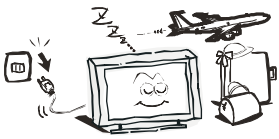
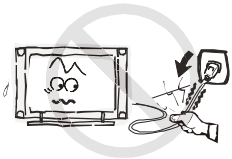


An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.



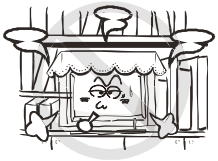
Always turn the set off when it is not being used. Unplug the apparatus from the AC outlet when it will not be used for a long period of time. And when there is a lightning, unplug the unit from the AC outlet immediately. Never touch the antenna wire during lightning.



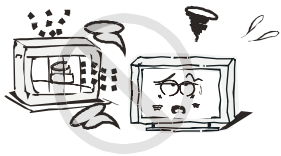
Do not pull the plug out by the wire;
Never touch the plug with wet hands.

Excessive sound pressure from earphones and headphones can cause hearing loss.

Installation



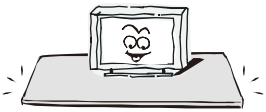
The ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, tablecloths, curtains, etc.
At least 10 cm space should be left around the apparatus for sufficient ventilation.



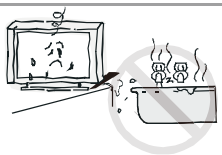
The product should be situated away from heat sources such as radiators,heat registers, stoves, or other products (including amplifiers) that produce heat. Place the apparatus in such a position that the screen is not exposed to direct sunlight. It is best to have soft indirect lighting while watching and avoid complete dark environment and reflection from the screen as these may cause eye fatigue.
Keep the product away from high magnetic field (i.e. power-amplified power speaker) to avoid affecting the tint.

Important Safety Instructions and Maintenance

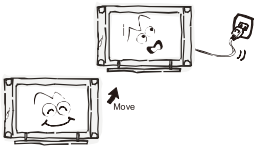
Installation



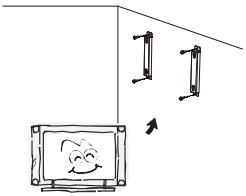
Do not place the set on an unstable cart, stand, table or shelf. The set may fall, causing serious personal injury as well as damage to the product. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



Do not place this apparatus near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or a swimming pool; and the like;



When the TV being moved in from cold place, it needs some right time for dew inside unit evaporating fully before turn on the unit;



To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

Cleaning

Unplug this apparatus from the AC outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning;

WARNING

To prevent the spread of fire, keep candles or other open flames away from this product at all times.

For your protection, please read this instruction completely, and keep this manual for future reference.

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General Description

Feature:

- Zero X radiation complies to green environment protection requirement
- Auto tuning and fine tuning
- One PC VGA input socket
- One YPbPr input socket
- TWO HDMI input socket(HDMI 1.4)
- One composite video input socket
- One audio input sockets
- Support USB
- Headphone
- Multi-language OSD
- Wide range voltage input

Note:

1. In case of any design change, a notice will not be released.

Specifications and Accessories

Specifications:

Description		PNDLHDU18
Display Screen Type		Color active matrix LED display
Display size		19" Diagonal(max.)
The maximum resolution		1366X768
Power supply		AC 110-240V~ 50/60Hz
TV receive system		PAL/SECAM: BG, DK, I DVB-T
Frequency range		ATV: 48.25MHz ~ 863.25MHz DTV:VHF(174MHz-230MHz) UHF(474MHz-862MHz)
Video in		PAL/NTSC
Antenna input impedance		75Ω
Sound output		2WX3
Power supply for remote controller		DC 3V (Two AAA size batteries)
Power consumption		36W
Dimensions (LXWXH)	TV with stand	438X165X310mm
	TV without stand	438X50X275mm
Weight (Net weight)	TV with stand	2.6Kg
	TV without stand	2.35Kg
Operation environment temperature		0°C-40°C

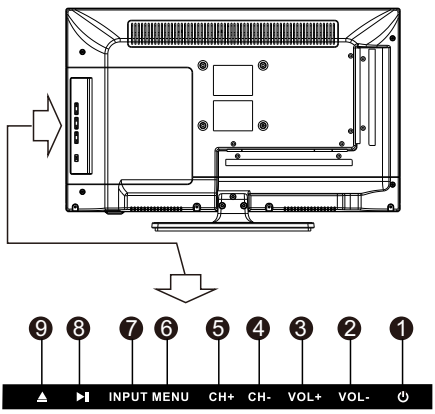
Accessories

- User's manual
- Remote control
- Wall-mounted accessories

Note: Dute to TV may be used with different display screen,weight marked in this user's manual or in packaging box are subject to change without notice.

Overview

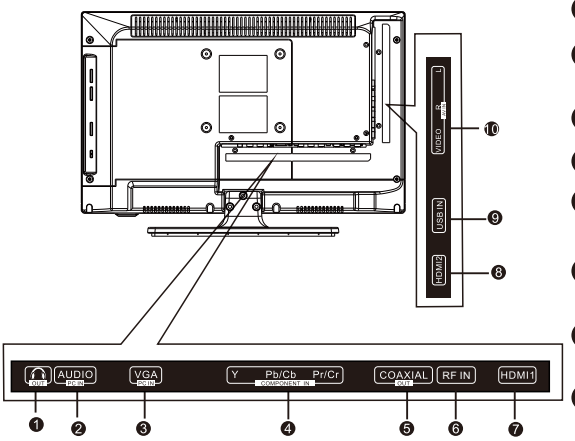
The buttons on the lower-right panel control your Tv's basic features, including the on-screen menu. To use the more advanced features,you must use the remote control.



1. Turn on/off TV.
2. **VOL-**
3. **VOL+**

   VOL+/-:Adjust Volume.
4. **CH-**
5. **CH+**

   CH+/-:Select channel.
6. **MENU** Into or exit from menu（Use CH+/- button select item,VOL+/- button adjust item）.
7. **INPUT** Source Select.
8. **PLAY/PAUSE/▶II** PressPLAY/PAUSE to play/ pause.
9. **▲ /OPEN/CLOSE** Press ▲ to open or close the disc tray.



1. **EARPHONE OUT:** Audio output for external devices.
2. **VIDEO IN:** Connect composite video.
3. **VGA/PC IN :**Connect to the video output jack on your PC.
4. **YPbPr:** Connect Component video
5. **COAX:** Connect Coaxial out.
6. **RF IN:** Connect to an antenna or cable TV system.
7. **HDMI 1:** Connect to the HDMI1 jack of a device with an HDMI output.
8. **HDMI 2:** Connect to the HDMI2 jack of a device with an HDMI output.
9. **USB:** Connect to USB flash driver to play supported multimedia content.
10. **AUDIO IN:** Composite Audio or Component Audio.

Remote Control

- 【POWER】
  Turns the TV on (standby) and off .
- 【INPUT】
  Input mode conversion button.

- 【AUDIO/NICAM】
  Change audio mode:left,right,mono,stereo.
- 【ASPECT】
  Select different size.
- 【PMODE】
  Select the different picture mode directly.
- 【SMODE】
  Select the different sound mode directly.
- 【NUMBER (0-9)】
  Press these button to enter digits These buttons for direct access to use a channel to enter channel number for both ATV and DTV or enter password for Parental lock.
- 【-/--】
  Press to change the channel bit.
- 【RECALL】
  Switch back and front between the current and previous channels.
- 【FAV】
  Favourite program channel button.
- 【FRERZEE】
  To freeze current picture.
- 【TV/RADIO】
  Press to switch between DTV and radio programs
- 【ANGLE】
  Press to choose a different angle
- 【LANGUAGE】
  Press to choose a different angle(DVD)
- 【DVD SETUP】
  DVD menu setup.
- 【DVD MENU】
  Access the on-screen menu.
- 【DVD MENU】
  Access the on-screen menu.
- 【RED,GREEN,YELLOW,CYAN】
  Used to select the corresponding coloured items on the screen during DTV mode.

  Note:

  Before turning off the main power or switching off the power supply,yuo must switch the TV by pressing the(Power) botton on the TV set or on the remote controt. Turn off the main power under standing mode.
- 【SLEEP】
  Set the sleep timer.
- 【EPG】
  Press to display EPG information(Electronic Program Guide).
- 【▲/▼/◀/▶ / ENTER】
  Allows you to navigate the on-screen menus and adjust the system settings to your preference.

Remote Control

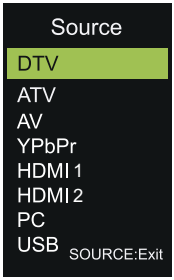
- 【MENU】
  Displays the OSD menu(on screen display).
- 【EXIT】
  Press EXIT to exit menu of sub menu
- 【DISPLAY】
  Press this button to display the information on current input
- 【MUTE】
  Switches the sound on or off.
- 【VOL+/VOL-】
  Adjust the volume.
- 【CH+/CH-】
  Change the channel.

- 【⏯】
  ⏯: Press this button to PLAY or PAUSE.
- 【■】
  Stop the disc.
- 【◀◀】【▶▶】
  Play fast backward/forward.(MEDIA/DVD)
- 【⏮】【⏭】
  Play previous/next media file.(MEDIA/DVD)
- 【HOLD】
  HOLD On or Off the current page display in Teletext mode
- 【REVEAL】
  Reveal or Hide the hidden words.
- 【SIZE】
  Change the size of display in Teletext mode
- 【INDEX】
  Press to return to the index/initial page.
- 【S.PAGE】
  Display a sub-page of upper options.
- 【TTX】
  Press to turn the Teletext On and Off.
- 【A-B】
  set A-aired point B.(MEDIA/DVD)
- 【T. SHIFT】
  Press the button to panse current DTV program and start recording.
- 【⏏】
  Eject in DVD Source.
- 【AUTO】
  PC channel images automatic calibration·shortcuts.
- 【REPEAT】
  Press to change the playing mode.
- 【SUBTITLE】
  Select subtitle language(DVD)
- 【REC】
  Press to record the program immediately.
- 【LIST】
  Displays the channel list.

Basic Operation

Changing the Input Source

Press the **INPUT** to select the input source.
Press the▲/▼ to cycle through the input source, and press the **ENTER** to confirm your choice.



How to Navigate Menu

Before using the TV follow the steps below to learn how to navigate the menu in order to select and adjust different functions. The access step may differ depending on the selected menu.
1.Press the **MENU** button to display the main menu.
2.Press the ◄/►button to cycle through the main menu.
3.Press the ▲/▼button to select the desired sub item.
4.Press the **ENTER** button to access the submenu.
5.Press the ▲/▼/◄/► button to select the desired value. The adjustment in the OSD may differ depending on the selected menu.
6.Press the **MENU** button to return to the previous menu.
7.Press the **EXIT** button exit from the menu.

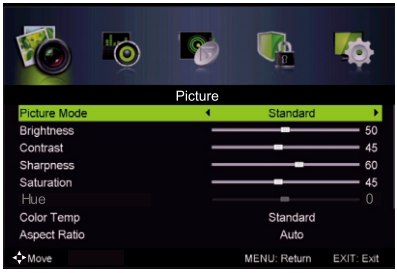
NOTE:
- When an item in **MENU** is displayed gray, it means that the item is not available or cannot be adjusted in current menu or submenu.
- Buttons on the TV have the same function as corresponding buttons on the remote control. This manual focuses on operation of the remote control.

Menu Operatio n

Picture Menu

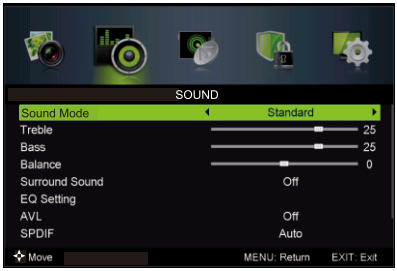
Select the a type of picture to suit your viewing requirements.

You can choose to Picture Mode、Brightness、Contrast、Sharpness、Saturation、Hue、Color Temp、Aspect Ratio and Advanced Settings.



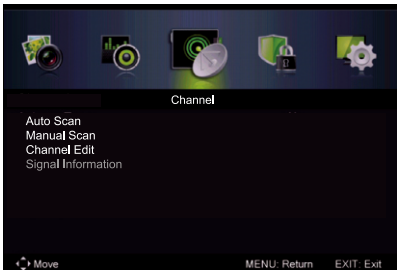
SOUND Menu

Select the a type of sound to suit your viewing requirements.
You can change the value of Treble,Bass and Balance.
You can change the status of Sound Mode Surround Sound,EQ setting,AVL,SPDIF, Audio Description and Sound Type.



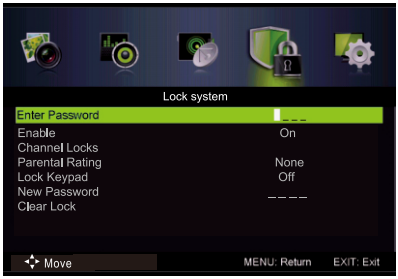
CHANNEL Menu

Select the a type of channel to suit your viewing requirements.
You can change the station of Auto Scan, Manual tuning,Channel Edit and Signal Information
Note: Some adjusting options can only be operated under DTV state.



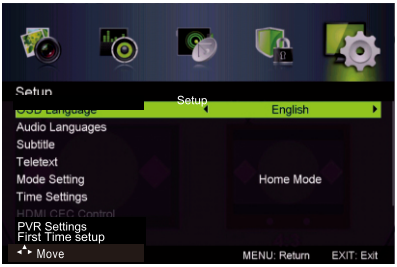
Lock system Menu

Select the a type of lock to suit your viewing requirements.
You can change the status of Enable, Channel Locks,Parental Rating,Lock Keypad,New Password and Clear Lock.
Default Password:0000



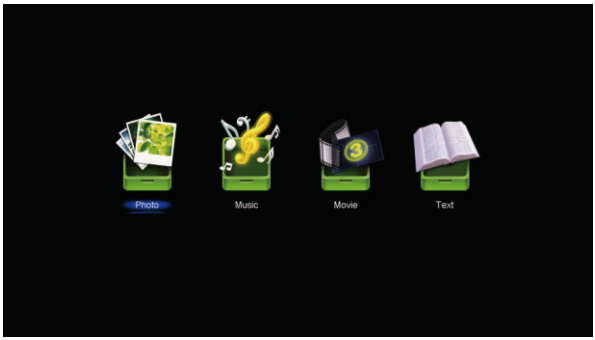
Setup Menu

Select the a type of setup to suit your viewing requirements.
You can change the status of OSD Language,Audio Languages,Subtitle, Teletext,Mode Setting,Time Settings, PVR settings,First Time setup,OAD, Reset and Software Update (USB).
Note:some adjusting options can only be operated under DTV state.



Media Operating Interface

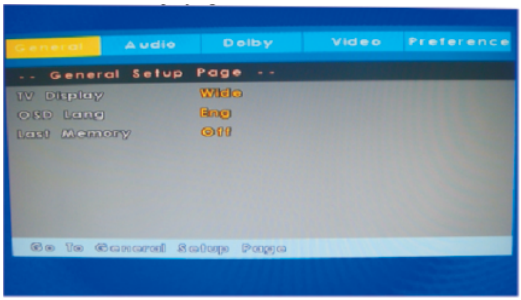
The Screen Menu is available to media mode.
You can play PHOTO,MUSIC,MOVIE and TEXT.



DVD

The DVD settings menu by the remote control the lower arrow, Up and down buttons of the OSD menu. To change the OSD menu items. Left and right buttons of the OSD menu. To select the OSD menu items.

1. General Settings page



1.**TV Display**

Some DVD discs have been authored in 4:3 aspect ratio format. To see the material in its original mode, you may need to change the Aspect ratio.

Pan & Scan (4:3)

Black edges left and right will be seen.

Letterbox (4:3)

Top and bottom of the screen may be black.

Wide 16:9 (Widescreen)

Full width picture but may have black areas top and bottom.

OSD Language.

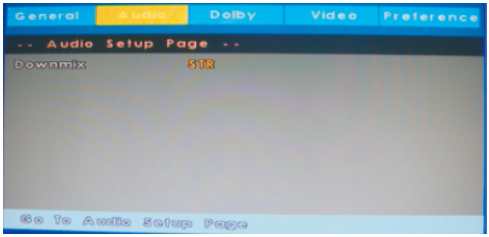
Select the OSD Language (English is default).

Last Memory. ON/OFF.

You may wish the player to remember where it finished playing a disc and then remove the disc. When you stop the disc, the player will automatically remember the point it finished playing. When the disc is re inserted the player will continue from the same point.

2. Audio Setup

When the DVD menu displayed, the DVD system will auto pause. Press SETUP again, it will go on



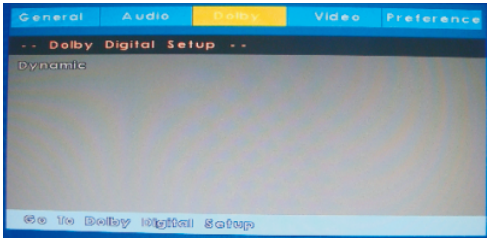
A. Press SETUP button on remote control during playing DVD, Press "► / ◄" until it will show following menu.

B. Press"▼/▲" to choose the items, then enter the desired item with OK button. It has been set already when the desired item becomes red.
Note: Press Left button to get back the previous menu.

C. Press SETUP to exit the menu.

D. The items of the menu as below.
Downmix: choose the downmix mode. There is only one item--stereo.

3. Dolby Setup



Dynamic is the difference between the maximum level and the minimum level of sounds. this function is generally used when playing high volume programs at night, in order not to disturb the neighbour. This setting can dynamo lower the volume and still keep the original tone quality. This is the range, measured in decibels(dB), between the loudest and the quietest sound registers in a soundtrack.

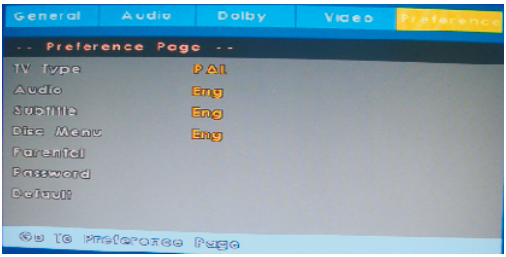
5. Video Setup

1). sharpness :
adjust the sharpness of the image.

2). Brightness :
Select 'Brightness' by using the "▼/▲" button, then press OK. You can adjust the Brightness by pressing the "◄/►" button. To exit 'Brightness' setting, press OK again to return.

3). Contrast :
Select 'Contrast' by using the "▼/▲" button, then press OK. You can adjust the Contrast by pressing the "◄/►" button. To exit 'Contrast' Setting, press OK again to return.

6. Preference Setup



1.TV Type

TV Type:select the colour type from PAL、AUTO or NTSC.

2.Audio

Please select the preferred language for DVD audio.

1) The selected language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.

2) Languages vary between discs,depending on the DVD.You can also select alternative languages by pressing the AUDIO button on the remote

3.Subtitle

Selects the preferred language for subtitles recorded on Discs.

1) The selected subtitle language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.

2) Subtitles vary between discs, depending on the Discs. You can also select alternative subtitle language by pressing the SUBTITLE button on the remote.

4.Disc Menu:

Select the preferred language for the discmenu recorded on the Discs. This choice varies between Discs.

5.Parental

It is possible to restrict playback of certain Discs to a certain level of user, based on their age, for example. Certain scenes can be blocked or replaced with different scenes. The "Parental Control" function lets you set the access control level. This function is password-protected.

Note: If you play discs that do not support the Parental Control function, the DVD player cannot restrict access to the disc.

6.Password

Change the password to your desired .The default password is 0000.

7.Default

Restore the DVD player's system to factory default settings.

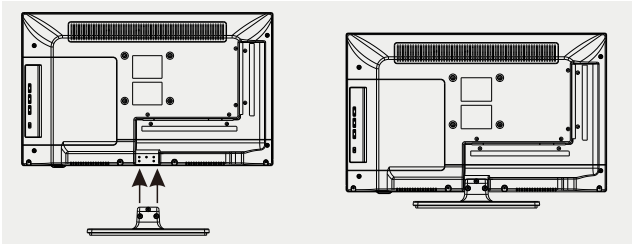
External connection

1.Assemble the stand

Before attaching/detaching the stand,make sure to turn off the TV.

-Before performing work spread cushioning over the base area to lay the LED TV on. This will prevent it from being damaged.

Stand installation instruction



2.Stand or Wall-mounted(optional)

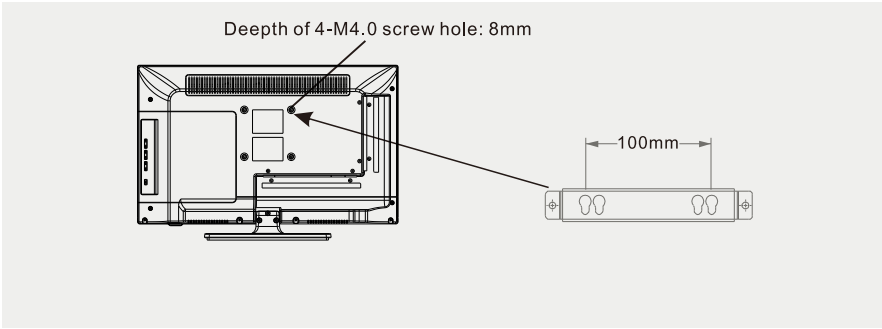
How to mount the LED TV?

(1) Take out the bracket hole cover from groove with screw driver and place on the bracket hole;

(2) Fasten 4 screws into four nuts on the rear cover;

(3) Fasten 1 bracket with 2 M4 screws on the wall;

(4) Carefully check for the strength before releasing the LED TV.



Trouble shooting

If you have any problem, check the countermeasure for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

Problem	Possible Solution
Poor picture and sound quality	Try another channel. Adjust the antenna. Check all wire connections.
No picture or sound under TV status	Try another channel. Press the TV/AV button. Make sure the TV is plugged in. Check the antenna connections.
No sound or sound is too low at maximum volume	First, check the volume of units connected to your TV. Adjust the TV volume accordingly. Check sound adjustment(Volume and Mute)
No color, wrong colors or tints.	Make sure the program is broadcast in color. Select the picture menu, then adjust the color or tint submenu to the proper value.
Picture rolls vertically.	Check all wire connections.
Blurred or snowy picture, distorted sound	Check the direction, location and connections of your antenna. This interference is often due to the use of an indoor antenna.
Remote control malfunctions	Replace the remote control batteries. Check the battery terminals. Remote is out of range, move close to TV Confirm there is no obstructions between remote and TV Make sure power cord is plugged in
Image is not centered on the screen.	Adjust the horizontal and vertical position
Clean TV set	When cleaning the LCD screen, please pull out the power plug, use dry and soft and clean cloth to clean the dust on the screen and shell. In case of further cleaning for the screen, please use clean wet cloth. Do not use naphtha, thinner or similar liquids for cleaning.
Colored point	This product adopts a high-resolution LCD TV, and the colored point of some pixels may occur due to the special feature of the product. For a few of colored points, this shall not be related with terrible product performance or product reliability, and in case of this situation, the service of the product will not be influenced. For the criterion of colored points, our company has similar products with others. The colored point in conformity with the product criterion is not covered by the return scope of the product due to quality problems. We hope our respected customers will forgive us.

Picture defects and countermeasures

The most common types of television interference are as following:

SNOWY PICTURE
Snowy picture is usually caused due to weak signal. Adjust antenna or install an antenna amplifier.

DOUBLE IMAGES OR “GHOSTS”
Double images are usually caused by reflections from tall buildings. Adjust the direction of the antenna or raise it.

RADIO WAVE INTERFERENCE
Wave pattern are moving on the screen, which are usually caused by nearby radio transmitter or shot-wave receiving equipment.

HIGH TEMPERATURE ELECTROTHERMAL INTER-FERENCE
Diagonal, or herring-bone, patterns appear on the screen or part of picture is missing. This is probably caused by high temperature electrothermal equipment in the nearby hospital.

NOTE: If one of these symptoms appears on the screen when the cable from a company is connected, this may be due to the local cable company broadcast.

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